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File: USPT

Oct 30, 2001

US-PAT-NO: 6309651

DOCUMENT-IDENTIFIER: US 6309651 B1

TITLE: Method of and compositions for immunization with the pseudomonas V antigen

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frank; Dara W.	West Allis	WI		
Yahr; Timothy L.	Hanover	NH		
Sawa; Teiji	San Francisco	CA		
Wiener-Kronish; Jeanine	San Francisco	CA		

US-CL-CURRENT: 424/260.1; 424/200.1, 530/350

CLAIMS:

We claim:

1. A method of treating Pseudomonas aeruginosa infection comprising inoculating a patient with an effective amount of isolated PcrV protein from Pseudomonas aeruginosa, wherein the amount of protein is sufficient to show moderation or reduction of Pseudomonas aeruginosa infection as compared to control subjects.
2. The method of claim 1 wherein the patient is inoculated with recombinant PcrV protein.
3. The method of claim 1 wherein the patient is a human patient.
4. A method of treating a Pseudomonas aeruginosa infection comprising the step of inoculating a Pseudomonas aeruginosa-infected patient with an effective amount of isolated PcrV protein from Pseudomonas aeruginosa, wherein the amount of protein is sufficient to show moderation or reduction of Pseudomonas aeruginosa infection as compared to control subjects.

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Wiener-Kronish; Jeanine	San Francisco	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
MCW Research Foundation	Milwaukee	WI				02
The Regents of the University of California	Oakland	CA				02

APPL-NO: 09/ 448339 [PALM]

DATE FILED: November 23, 1999

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATION This application claims priority to U.S. Ser. No. 60/109,952, filed Nov. 25, 1998 and U.S. Ser. No. 60/126,794, filed Mar. 30, 1999, both of which are incorporated by reference herein.

INT-CL: [07] A61 K 39/08

US-CL-ISSUED: 424/260.1; 424/200.1, 530/350

US-CL-CURRENT: 424/260.1; 424/200.1, 530/350

FIELD-OF-SEARCH: 424/260.1, 424/200.1, 435/69.1, 435/69.3, 435/71.1, 530/350

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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PAT-NO

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PATENTEE-NAME

US-CL

☐ 5599665 February 1997 Barbieri et al.

OTHER PUBLICATIONS

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Frank, D. Molec. Microbiol. 1997. 26(4): 621-9, 1997.*
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H. Hahn, et al., "Pilin-Based Anti-Pseudomonas Vacciens: Latest Developments and Perspectives," Behring Inst. Mitt. 98:315-325, 1997.
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ART-UNIT: 165

PRIMARY-EXAMINER: Graser; Jennifer E.

ATTY-AGENT-FIRM: Quarles & Brady LLP

ABSTRACT:

A method of inhibiting, moderating or diagnosing Pseudomonas aeruginosa infection is disclosed. In one embodiment, this method comprises inoculating a patient with an effective amount of PcrV antigen.

4 Claims, 5 Drawing figures